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DATE: November 8, 2004**PAGES (INCLUDING COVER):** 56

TO: Commissioner for Patents **FAX:** 703-872-9306

FROM: Sonali S. Srivastava 
Reg. No. 52,248

Please see attached Transmittal Form for the following Patent:

Applicant: Brian ARNOTT
Application No.: 10/711,328
For: METHOD AND APPARATUS FOR REMOVING OIL SPILLS
AND EXTINGUISHING FIRES
Filed: September 10, 2004
Group Art Unit: 3752
Examiner: Unknown
Attorney Docket No.: 060494-0002

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PTO/SB/21 (09-04)

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TRANSMITTAL
FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission 55

Application Number	10/711,328
Filing Date	September 10, 2003
First Named Inventor	Ricar Arnott
Art Unit	3752
Examiner Name	Unknown
Attorney Docket Number	066494-0002

ENCLOSURES (Check all that apply)

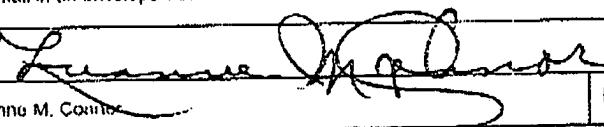
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> <input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
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<input type="checkbox"/> <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Godfrey & Kahn, S.C.		
Signature			
Printed name	Sonali S. Srivastava		
Date	11/8/04	Reg. No.	52,248

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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

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Sheet 1

of 12

Complete If Known

Application Number	10/711,328
Filing Date	September 10, 2004
First Named Inventor	Brian ARNOTT
Art Unit	3752
Examiner Name	Unknown
Attorney Docket Number	060494-0002

U. S. PATENT DOCUMENTS				
Examiner Initials*	Cite No.*	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number-Kind Code* US- 05300219	04-05-1994	BRAID Thomas C.
		US- 05160629	11-03-1992	BROWN, Adria
		US- 03667608	06-06-1972	BURROUGHS, R. H.
		US- 05423340	06-13-1995	CAMPBELL, Willis R.
		US- 03628607	12-21-1971	DIETZ, D. N.
		US- 05244574	09-14-1993	GATT, Shimon
		US- 05451325	09-19-1995	HERKENBERG, Wolf
		US- 05409607	04-25-1995	KARLBERG, Douglas F.
		US- 05558777	09-24-1996	KEMNETZ, Steven
		US- 06121038	09-19-2000	KIRSCHNER, Leon
		US- 4222868	09-16-1980	KURIS, Arthur
		US-		

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.*	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	1"
		Country Code* Number* Kind Code* (4 known) EP 00370349-B1	1991-12-04	AUGUSTIN, Thoma	Abstract	
		EP 00507784-B1	1994-10-19	HERKENBERG Wol	Abstract	
		NO 148,862-B	1983-09-19	DALE, P., et.al	Abstract	
		NO 145,728-B	1982-02-08	HOSEY, Oe.	Abstract	
		DE 2,947,281-A	1981-05-27	PAUL F. W.	Abstract	
		DE 4109577-A1	1992-09-24	WEINEM H.	Abstract	

Examiner Signature	Date Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. *Applicant's unique citation designation number (optional) *See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04 *Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3) *For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. *Kind of document by the appropriate symbol as indicated on the document under WIPO Standard ST.16 if possible. *Applicant is to place a check mark here if English language Translation is attached.

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		Application Number	10/711,328
		Filing Date	September 10, 2004
		First Named Inventor	Brian Arnott
		Art Unit	3752
		Examiner Name	Unknown
Sheet	2	of	2
		Attorney Docket Number	

NON-PATENT LITERATURE DOCUMENTS

Examiner Signature		Date Considered	
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1 Applicant's unique citation designation number (optional) 2 Applicant is to place a check mark here if English language Translation is attached.
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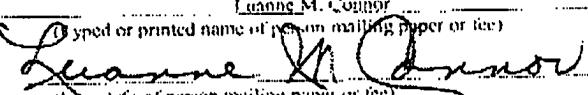
If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

060494-0002

Application No. 10/711,328

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Brian ARNOTT
 Application No.: 10/711,328
 For: METHOD AND APPARATUS FOR REMOVING OIL SPILLS
 AND EXTINGUISHING FIRES
 Filed: September 10, 2004
 Group Art Unit: 3752
 Examiner: Unknown
 Attorney Docket No.: 060494-0002

MAIL STOP AMENDMENT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450	<p style="text-align: center;"><u>CERTIFICATE OF MAILING UNDER 37 CFR 1.8</u></p> <p>I hereby certify that this correspondence is being facsimile transmitted or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on <u>11/8/04</u></p> <p style="text-align: center;">_____ (Typed or printed name of person mailing paper or fee)  (Signature of person mailing paper or fee)</p>
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INFORMATION DISCLOSURE STATEMENT

Dear Sir:

In accordance with 37 C.F.R. §§ 1.56, 1.97, and 1.98, the Applicant submits the references listed below for consideration.

U. S. Patent or Published Application References:

Patent No.	Issue Date	Applicant
US 05300219	1994-04-04	Braid, Thomas C.
US 05160629	1992-11-03	Brown, Adria
US 03667608	1972-06-06	Burroughs, R.H.
US 05423340	1995-06-13	Campbell, Willis R.
US 03628607	1971-12-21	Dietz., D.N.
US 05244574	1993-09-14	Gatt, Shimon
US 05451325	1995-09-19	Herkenberg, Wolf
US 05409607	1995-04-25	Karlberg, Douglas F.
US 05558777	1996-09-24	Kemneiz, Steven
US 06121038	2000-09-19	Kirschner, Leon

060494-0002

Application No. 10/711,328

US 04222868

1980-09-16

Kuris, Arthur

Foreign Patent or Published Application References:

<u>Published Application</u>	<u>Publication Date</u>	<u>Applicant</u>
EP 00370349-B1	1991-12-04	Augustin, Thomas
EP 00507784-B1	1994-10-19	Herkenberg, Wolf
NO 148,862-B	1983-09-19	Dale, P. et.al.
NO 145,728-B	1982-02-08	Hosoczy, Oc.
DE 2,947,281-A	1981-05-27	Paul, F.W.
DE 4109577-A1	1992-09-24	Weinern, H.

Non-Patent References:

NIERAC.COM - Removal of Oil Spills - Retro Search Reports.

Respectfully Submitted,

GODFREY & KAHN, S.C.

By:

Sonali S. Srivastava

Registration No. 52,248

Dated: 11/8/04

Attorney of Record for the Applicant
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 780 North Water Street
 Milwaukee, WI 53202
 (414) 273-3500

MN222878_1.DOC

Process for removing surface distributed hydrocarbons, especially oil spills
EPB 1991-12-04 0370349/EP-B1 NDN- 080-0026-4881-7

INVENTOR(S)- Augustin, Thomas, Dr. Ritterstrasse 59 D-5000 Koeln 1 DE
INVENTOR(S)- Schapel, Dietmar, Dr. Johanniterstrasse 15 D-5000 Koeln 80 DE
INVENTOR(S)- Nowak, Peter Schubertstrasse 42 D-4047 Dormagen 1 DE

PATENT ASSIGNEE(S)- BAYER AG 51368 Leverkusen DE **COUNTRIES-** DE, FR, GB, IT, NL

PATENT NUMBER- 00370349/EP-B1

PATENT APPLICATION NUMBER- 89120979.3

DATE FILED- 1989-11-11

PUBLICATION DATE- 1991-12-04

PATENT PRIORITY INFO- 3839570, 1988-11-24, DE

INTERNATIONAL PATENT CLASS- C02F00128; C09K00332

PUBLICATION- 1990-05-30; 1991-12-04, B1, Granted patent

FILING LANGUAGE- GER

PROCEDURE LANGUAGE- GER

LANGUAGE- GER

EXEMPLARY CLAIMS- 1. Process for the removal of surface-distributed hydrocarbons, characterized in that water and a polyether containing isocyanate end groups are allowed to act on the hydrocarbons and the gel containing the hydrocarbons which is formed is removed mechanically.; 2. Process according to Claim 1, characterized in that, as a polyether containing isocyanate end groups, a polyalkylene oxide of the formula (I) is used; in which; R. represents an alkyl radical having 3 to 18 C atoms.; R., R., R^{(sup)4} and R^{(sup)5} are identical or different and each represent hydrogen or an alkyl radical having 1 to 20 C atoms.; R^{(sup)6} represents optionally substituted alkylene having 4 to 30 C atoms, cycloalkylene having 5 to 30 C atoms or arylene having 6 to 30 C atoms.; x and y are identical or different and each represent a whole number from 5 to 200 and n represents one of the numbers 3, 4, 5 or 6.; 3. Process according to Claim 2, characterized in that in formula (I); R. represents an alkyl radical having 3 to 10 C atoms.; R., R., R^{(sup)4} and R^{(sup)5} are identical or different and each represent hydrogen or an alkyl radical having 1 to 12 C atoms.; R^{(sup)6} represents alkylene having 4 to 20 C atoms, which is optionally substituted with C_{(sub)1}-C_{(sub)4}-alkyl, isocyanate and/or chlorine groups, cycloalkylene having 5 to 20 C atoms or arylene having 6 to 20 C atoms or bi- or tricyclic cycloalkylene or arylene, in which the individual rings independently of one another each represent a cycloalkylene or arylene radical of this type and the individual rings are linked directly and/ or via oxygen, CH, CH_{(sub)2}, C (CH_{(sub)3})_{(sub)2} and/ or C (C_{(sub)1}(sub)3) bridges.; x and y are identical or different and each represent a whole number from 8 to 50 and; n represents one of the numbers 3, 4 or 5.; 4. Process according to Claims 1 to 3, characterized in that the polyether containing isocyanate end groups is mixed with water and allowed to act on the hydrocarbons.

DESIGNATED COUNTRY(S)- DE, FR, GB, IT, NL.

**THIN FLEXIBLE SHEET SORPTION MATERIAL FOR THE REMOVAL OF OIL
FROM OIL SPILLS**
EPB 1994-10-19 0507784/EP-B1 NDN- 080-0063-6608-9

INVENTOR(S)- HERKENBERG, Wolf 37 Morningdew Road West Hill Scarborough Ontario M1E 3X2 CA

PATENT ASSIGNEE(S)- HERKENBERG, Wolf 37 Morningdew Road West Hill Scarborough Ontario M1E 3X2 CA **DESG. COUNTRIES-** BE, DE, FR, GB, IT, NL

PATENT NUMBER- 00507784/EP-B1

PATENT APPLICATION NUMBER- 91900007.5

DATE FILED- 1990-12-05; 1990-12-05

PUBLICATION DATE- 1994-10-19

PATENT PRIORITY INFO- 446761, 1989-12-06, US

ATTORNEY, AGENT, OR FIRM- Asquith, Anthony, Anthony Asquith & Co 328 Leeds Road, Scholes Leeds, LS15 4DD, GB

INTERNATIONAL PATENT CLASS- E02B01504

PCT PUB. DATE- 1991-06-13

PUBLICATION- 1992-10-14; 1994-10-19, B1, Granted patent

FILING LANGUAGE- ENG

PROCEDURE LANGUAGE- ENG

LANGUAGE- ENG

EXEMPLARY CLAIMS- Apparatus for collecting oil from oil-contaminated water or land areas, characterised by the following structural combination: the apparatus includes at least one film or sheet of sorbent material; the film is thin and flexible; the film is suitable for being extended onto the oil-contaminated water surface or area to be protected; at least one of the two principal surfaces of the film is oleophilic and hydrophobic; the film includes many apertures therethrough; and the apertures in the film are suitable for admitting the passage of oil from one to the other of the said two principal surfaces.; Apparatus of claim 1, further characterised in that: the flexible film is paper; and the paper is coated on one side thereof with an oleophilic and hydrophobic finish.; Apparatus of claim 1, further characterised in that: the sorbent material has a specific gravity less than that of water; whereby, when applied to the surface of the oil-contaminated open water, the sorbent material remains afloat before and after sorption of oil to its full capacity.; Apparatus of claim 3, further characterised in that: the oleophilic and hydrophobic surface, when laterally extended in use, presents texture irregularities; and the irregularities are suitable for enhancing the degree of sorption of oil onto the surface.; Apparatus of claim 1, further characterised in that the apertures are formed by making many small pierces through the flexible film.; Apparatus of claim 1, further characterised in that the apertures are formed by making many small slits through the flexible film.; Apparatus of claim 1, further characterised in that the flexible film is composed essentially of an olefinic polymer.; Apparatus of claim 1, further characterised in that the flexible film is composed essentially of polyethylene.

DESIGNATED COUNTRY(S)- BE, DE, FR, GB, IT, NL .

Trawling equipment for oil spill cleanup and removal on surface
EDB 86-07 86:048470 8601105435 NDN- 168-0423-4075-9

INVENTOR(S)- Dale, P.; Hylland, A.; Kvam, O.

1983-09-19

14 page(s)

PATENT NUMBER- Norwegian 148,862/B/

DATE FILED- 1977-10-31

DOCUMENT TYPE- Patent

LOCATION OF WORK- NO

LITERARY INDICATOR(S)- Nonconventional Literature: No Copies Supplied

PATENT ASSIGNEE(S)- A/S Fiskeredskap, Bergen, Norway

PUBLICATION COUNTRY- NO

ANNOUNCEMENT CODE- EDB

ANNOUNCEMENT IDENTIFICATION- EDB-86:048470

LANGUAGE- Norwegian

A trawl or similar equipment for oil spill cleanup and removal is described. It can be towed by one or more floating vessels.

DESCRIPTOR(S)- *SKIMMERS --Design CLEANING; OFFSHORE OPERATIONS; OIL

SPILLS IDENTIFIER(S)- EQUIPMENT; POLLUTION CONTROL EQUIPMENT

SECTIONAL CLASSIFICATION CODE- 020900

Procedure and device for collecting and removing oil spills from a water surface
EDB 84-13 84:089791 8404105023 NDN- 168-0380-1445-6

INVENTOR(S)- Hosoy, Oe.

1982-02-08

12 page(s)

PATENT NUMBER- Norwegian 145,728/B/

DOCUMENT TYPE- Patent

LOCATION OF WORK- NO

INTERNATIONAL PATENT CLASS- E02B15104; B63B35/32

PUBLICATION COUNTRY- NO

ANNOUNCEMENT CODE- EDB

ANNOUNCEMENT IDENTIFICATION- NOR-84:05023; EDB-84:089791

LANGUAGE- Norwegian

The invention is characterized by an oil boom attached alongside a tanker. It is open to the front (back) and stopped at the middle of the tanker. The boom consists of a skirt functioning as a screen. It is flexible and is kept floating by floaters and suspended by a special arm. At the end of the boom there is pumps and pipes for sucking the oil up into the tanker. The boom should be able to work well under all weather conditions. The claims concern the construction and use of the boom. 4 drawings.

IDENTIFIER(S)- CONTAINMENT; EQUIPMENT; POLLUTION CONTROL EQUIPMENT

SECTIONAL CLASSIFICATION CODE- 020900

Plant for removing large oil spills on water
EDB 85-24 85:185623 8511613026 NDN- 168-0418-3473-6

INVENTOR(S)- Paul, F. W.

1981-05-27

12 page(s)

PATENT NUMBER- German(FRG) 2,947,281/A

DATE FILED- 1979-11-20

DOCUMENT TYPE- Patent

LOCATION OF WORK- DE

INTERNATIONAL PATENT CLASS- E02B 15/04

PUBLICATION COUNTRY- DE

ANNOUNCEMENT CODE- EDB

ANNOUNCEMENT IDENTIFICATION- FRG-84:13026; EDB-85:185623

LANGUAGE- German

The plant consists of a transportable floating control container, which contains a storage space. A floating platform is connected with this on which the power supply and pumping equipment is situated. Several motor driven, controlled and floating suction devices are connected to the central container via cable ducts. The dimensions of the individual parts of the plant enable it to be transported by aircraft.

DESCRIPTOR(S)- *OIL, SPILLS --Pollution control equipment; *SURFACE WATERS --Water pollution; *SURFACE WATERS --Water pollution control; *WATER POLLUTION CONTROL --Environmental engineering; *WATER POLLUTION CONTROL --Vacuum pumps ACCIDENTS; MARITIME TRANSPORT; PETROLEUM; RECOVERY; TANKER SHIPS IDENTIFIER(S)- CONTROL; ENERGY SOURCES; ENGINEERING; EQUIPMENT; FOSSIL FUELS; FUELS; LABORATORY EQUIPMENT; POLLUTION; POLLUTION CONTROL; PUMPS; SHIPS; TRANSPORT
SECTIONAL CLASSIFICATION CODE- 520200

System for oil spill removal**INVENTOR(S)-** Weinem, H.

1992-09-24

10" page(s)

PATENT NUMBER- DE 4109577/A1/**DATE FILED-** 1991-03-20**DOCUMENT TYPE-** Patent**LOCATION OF WORK-** DE**AVAILABILITY LIMITER-** Available from Deutsches Patentamt, Muenchen (Germany).**PATENT ASSIGNEE(S)-** Gutec mbH Gesellschaft fuer Umweltschutz und Technik, Wilhelmshaven (Germany)**INTERNATIONAL PATENT CLASS-** E02B015-04**SUBFILE CODE-** DE**PUBLICATION COUNTRY-** DE**ANNOUNCEMENT CODE-** EDB; ETD**INCOMING TAPE SERIAL NUMBER-** DE9304895**ANNOUNCEMENT IDENTIFICATION-** DE-93:004895; EJDB-93:074654**LANGUAGE-** German

No abstract available.

DESCRIPTOR(S)- *OIL SPILLS --Water pollution abatement ADHESION; WATER IDENTIFIER(S)- HYDROGEN COMPOUNDS; OXYGEN COMPOUNDS; POLLUTION ABATEMENT**SECTIONAL CLASSIFICATION CODE-** 020900